

Tinker AFB, Okla.



Established:

552nd Early Warning and Control Wing, on March 30, 1955

Activated:

July 8, 1955

Redesignated:

- 552nd Airborne Early Warning and Control Group, on July 1, 1974
- 552nd Airborne Warning and Control Wing, on May 5, 1976
- 552nd Airborne Warning and Control Division, on October 1, 1983
- 552nd Airborne Warning and Control Wing, on October 1, 1991



552nd Air Control Wing



General Characteristics: **Primary Function:** Airborne surveillance, command, control and communications **Contractor:** Boeing Aerospace Company **Power Plant:** Four Pratt and Whitney TF33-PW-100A turbofan engines **Thrust:** 21,000 pounds each engine **Length:** 145 feet, 6 inches **Height:** 41 feet, 4 inches **Wingspan:** 130 feet, 10 inches **Rotodome:** 30 feet in diameter, 6 feet thick, mounted 11 feet above fuselage **Speed:** Optimum cruise 360 mph **Ceiling:** Above 29,000 feet **Maximum Takeoff Weight:** 347,000 pounds **Endurance:** More than 8 hours (unrefueled) **Unit Cost:** \$270 million (fiscal 98 constant dollars) **Crew:** Flight crew of four plus mission crew of 13-19 specialists (mission crew size varies according to mission) **Date Deployed:** March 1977 **Inventory:** Active force, 33 (1 test); Reserve, 0; Guard, 0

